

PU LACQUER READY FOR USE PUL-747 RX

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PU LACQUER PUL-747 RX

Two-component ready for use solvent based polyurethane top coat lacquer for wooden interior furniture. This product is specially designed to provide good transparency and clarity.

FEATURES

1. Ready for use (no need thinner)
2. Good transparency and clarity
3. Good matting orientation and recoating stability
4. Good leveling and smooth surface
5. Fast drying
6. Less yellowing

PRODUCT SPECIFICATION

Type : 2K PU Alkyd Polyol

<u>A Component:</u> PUL-747 RX	Appearance	Gloss Level (%)	Solid Content (% NV, w/w)	Viscosity (sec/Din cup 2, 30°C)	Specific Gravity (g/cc)
Clear Gloss	Clear	90 - 100	35 ± 1	70 ± 5	0.96 ± 0.02
Clear Satin	Hazy	30 - 40	35 ± 1	70 ± 5	0.97 ± 0.02
Clear Dof	Hazy	10 - 20	35 ± 1	70 ± 5	0.97 ± 0.02
<u>B Component:</u> PUH-101 FD XLS	Clear	-	33 ± 1	45 ± 5	0.99 ± 0.02

Flash Point : 27°C for A component and 26°C for B component
 Packing : 1 L in steel can (A Component) and 0.5 L in steel can (B Component)

APPLICATION

Application condition : 25 - 30°C, 40 - 60% RH
 Application method : Air Spray
 Substrate : Wood / PUSS-747 RX
 Mixing ratio by volume : A : B = 2 : 1
 Thinner : -
 Viscosity mix (NK2, 30°C) : 9 - 10 sec
 Pot-life of mixture : 3 - 4 hours at 30°C
 Coating Amount (wet) : 80 - 100 g/m² of mixture per coat
 Theoretical coverage : 4-5 m²/L-set by spray at CA = 80-100 g/m² (efficiency 40%)

FILM PROPERTIES

Drying time :

Temperature	Drying Time (min, 30°C)
Dust free	10 - 20
Tack free	40 - 60
Hard dry	overnight

Note: Apply on black unsaturated polyester panel at CA = 100 g/m²

Re-coating time : wet on dry = after 2 - 3 hours
 Stacking time : After 16 - 17 hours
 Packing time : After 72 hours
 Adhesion on PUSS-41 : GT = 0 - 1

OTHERS

Shelf life : Five years both of A and B component if stored in cool and dry condition and in original sealed can.
 Storage and handling : Avoid B component from heat and humidity, store in cool storage. Store in good ventilation room temperature.

SURFACE PREPARATION

1. If necessary use Imprax wood filler (SH-113) to fill the wood pores.
2. For coloring, use Imprax wood stain WS-162 B (mix within 5% to paint).
3. Use PU sanding sealer PUSS-747 RX as base coat.

APPLICATION INFORMATION

1. Stir well A component before use.
 2. A and B component should be mixed properly and stir thoroughly with agitator.
 3. Close cap of B component tightly after use.
 4. Apply PUSS-747 RX by spray an even coat at coating amount 100-120 g/m².
 5. Sand the surface with sandpaper no. 240-320 after 1-2 hours.
 6. Apply the second coat of PUSS-747 RX if necessary.
 7. Sand the surface with sandpaper no. 400 after 1-2 hours, overnight is better for top coat clear gloss.
 8. Apply the **PUL-747 RX** as a 2K PU topcoat.
- Topcoat available in clear gloss (90 sheen), clear satin (30 sheen) and clear dof (15 sheen).
9. Good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	ROCOMMENDED COATING
1	Wood Filler	SH-113	1 x
2	Stain	WS-162 B	1 x
3	Base Coat	PUSS-747 RX	1 - 2 x
4	Topcoat	PUL-747 RX	1 - 2 x

SAFETY PRECAUTION

1. This product contains aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.
2. This product is flammable. Keep away from fire and direct sunlight. Use only explosion proof equipment. Do not breathe the vapor of spray. Avoid contact with strong oxidizing agents and water.
3. For more information, please refer to our safety data sheet.

FIRST AID

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.